

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
GA
143-HDVI,
6-

STARK MILL
(WesTek Hogansville Plant)
117 Corinth Rd.
Hogansville
Troup County
Georgia

HAER No. GA-117

Jet Lowe, HAER Photographer, September 17, 1998.

- GA-117-1 - VIEW LOOKING NORTHWEST AT MAIN ELEVATION OF STARK MILL, A REINFORCED CONCRETE MILL BUILT BY NEW ENGLAND SOUTHERN MILLS IN 1923-24. THE MILL WAS DESIGNED BY LOCKWOOD GREENE ENGINEERS, AND CONTAINED 35,000 SPINDLES FOR MAKING TIRE FABRICS. PART OF THE WEAVING WOULD TAKE PLACE AT HOGANSVILLE MILL (BUILT c. 1900), ANOTHER NEW ENGLAND SOUTHERN MILL NEARBY, UNTIL THE DEMOLITION OF THAT MILL IN THE 1970s.
- GA-117-2 - DETAIL VIEW OF MAIN ELEVATION OF MILL, LOOKING NORTHWEST. NOTE ORIGINAL WINDOWS ON UPPER FLOORS. THE TOP FLOOR CONTAINED SPINNING AND TWISTER EQUIPMENT, THE SECOND FLOOR THE CARD ROOM AND ADDITIONAL SPINNING, AND THE GROUND FLOOR WEAVING, THE CLOTH ROOM, AND SHIPPING. A PARTIAL BASEMENT CONTAINED A MACHINE SHOP, SUPPLY DEPARTMENT, AND OVERFLOW COTTON STORAGE.
- GA-117-3 - VIEW OF SOUTHWEST/WEST ELEVATION OF MILL WITH WAREHOUSES AT LEFT. NOTE ABANDONED RAILROAD BED FOR SIDING TO MILL. SAME VIEW AS HAER No. GA-117-11 (CT).
- GA-117-4 - VIEW OF WEST ELEVATION OF MILL (LEFT), AND PICKER HOUSE PORTION OF WAREHOUSE STRUCTURE (RIGHT) FROM NORTH/NORTHWEST. COTTON BALES WERE OPENED ON THE GROUND FLOOR OF THE PICKER HOUSE, FINISHER PICKERS WERE LOCATED ON THE SECOND FLOOR, AND THEN THE SECOND FLOOR CONNECTING BRIDGE WAS USED TO TRANSFER COTTON INTO THE MILL. NOTE ORIGINAL WATER TANK IN RIGHT BACKGROUND.
- GA-117-5 - VIEW OF VENTILATION HOUSES AND ROOF MONITOR FROM

SOUTHEAST CORNER OF ROOF. ROOF MONITOR WINDOWS HAVE BEEN INFILLED WITH BRICK. THE VENTILATION HOUSES ARE PART OF THE ORIGINAL CENTRAL AIR CONDITIONING SYSTEM AND CONTAINED AIR WASHERS, FANS AND OTHER HUMIDIFYING EQUIPMENT FROM PARKS-CRAMER COMPANY OF FITCHBURG, MASSACHUSETTS. LOCATING THIS EQUIPMENT ON THE ROOF MADE IT UNNECESSARY TO CONSTRUCT A FULL BASEMENT, AND THEREFORE LOWERED CONSTRUCTION COSTS. THIS ARRANGEMENT ALSO PUT THE AIR CONDITIONING EQUIPMENT CLOSEST TO THE TOP FLOOR SPINNING ROOM, WHICH HAD THE GREATEST COOLING REQUIREMENTS.

- GA-117-6 - VIEW LOOKING SOUTHEAST AT VENTILATION EQUIPMENT IN SOUTH VENTILATION HOUSE. THIS AIR CONDITIONING SYSTEM WAS INSTALLED BY PARKS-CRAMER COMPANY OF FITCHBURG, MASSACHUSETTS WHEN THE MILL WAS CONSTRUCTED IN 1923-24. ONE AIR WASHER AND FAN ROOM EXTERIOR IS VISIBLE ON THE RIGHT. THE DUCTS FROM BOTH FAN ROOMS (CURVED METAL STRUCTURES AT CENTER AND LEFT OF PHOTO) ARE CONNECTED TO A COMMON AIR SHAFT.
- GA-117-7 - MOTOR AND DRIVE WHEEL FOR ONE SET OF FANS IN SOUTH VENTILATION HOUSE. NOTE SAFETY BARRIER ADDED LATER TO MEET OSHA STANDARDS.
- GA-117-8 - VIEW INSIDE ONE OF THE FAN CHAMBERS IN NORTH VENTILATION HOUSE.
- GA-117-9 - INTERIOR OF THIRD FLOOR FROM CENTER FACING SOUTHWEST. REINFORCED CONCRETE BEAM AND GIRDER CONSTRUCTION MINIMIZED THE REQUIRED NUMBER OF VERTICAL SUPPORTS, CREATING A LARGER, UNINTERRUPTED PRODUCTION AREA THAN SLOW BURNING, TIMBER AND BRICK MILL STRUCTURAL SYSTEMS. THIS SPACE ORIGINALLY CONTAINED SPINNING AND TWISTING MACHINERY. THE WALL IN THE RIGHT BACKGROUND IS PART OF THE LARGE VERTICAL AIR SHAFT FOR THE SOUTH VENTILATION HOUSE EQUIPMENT.
- GA-117-10 - INTERIOR OF SECOND FLOOR NEAR CENTER OF BUILDING. THIS SPACE ORIGINALLY CONTAINED FINISHER PICKERS AND SPINNING

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**MACHINERY. NOTE ORIGINAL WINDOWS AND BEAM AND GIRDER
REINFORCED CONCRETE STRUCTURAL SYSTEM.**

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All color xerographic copies were made from a duplicate color transparency.

Jet Lowe, HAER Photographer, September 15, 1998.

**GA-117-11 (CT) - VIEW OF SOUTHWEST/WEST ELEVATION OF MILL WITH
WAREHOUSES AT LEFT. NOTE ABANDONED RAILROAD BED
FOR SIDING TO MILL. SAME VIEW AS HAER No. GA-117-3.**